

## ABSTRACT

In a refrigerator including a variable temperature storage formed in the chilling chamber so as to have a certain space; a heating room formed on a side of the variable temperature storage; a heating means installed in the heating room in order to generate heat in power supply; a first local circulating path in which cool air in the freezing chamber flows into a rear path through the variable temperature storage; an adjusting means for adjusting a quantity of cool air flowing into/out of the variable temperature storage through the first local circulating path; a second local circulating path in which heated air in the heating room passes the variable temperature storage and flows into the heating room again; and a temperature sensor for sensing a temperature in the variable temperature storage, because various ranges of temperature can be maintained in the refrigerator, it is possible to perform optimum-temperature storing according to kinds of foods, and accordingly various foods can be stored more freshly for a longer time.